... 09/916197

Cgc





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Hui et al.

Patent No.: 6,781,248 B2

Issued: August 24, 2004

For: METHOD FOR ENCAPSULATING INTERMEDIATE CONDUCTIVE ELEMENTS CONNECTING A SEMICONDUCTOR DIE TO A SUBSTRATE AND SEMICONDUCTOR DEVICES SO PACKAGED

Attorney Docket No.: 2269-4712US

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 26, 2006 Date

Erika Gandre
Name (Type/Print)

Certificate

FEB 0 2 2006

of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT OFFICE MISTAKES (37 C.F.R. § 1.322)

Attn.: Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

It is noted that several errors appear in this patent of a typographical nature. These errors are due to mistakes in printing on the part of the U.S. Patent and Trademark Office, and occurred through no fault of the Applicants. A certificate of correction in the form attached hereto is requested.

Patent No. 6,781,248 B2

Please send the Certificate to:

Name:

Brick G. Power

Address:

TraskBritt

P.O. Box 2550

Salt Lake City, Utah 84110

Attached hereto in duplicate is Form PTO/SB/44 with at least one copy being suitable for printing.

Respectfully submitted,

Brick G. Power

Registration No. 38,581 Attorney for Applicant(s)

TRASKBRITT P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: January 26, 2006

BGP/csw

Enclosures: PTO/SB/44 in duplicate

Document in ProLaw

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 1 of 5

DATED

August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the drawings:

In FIG. 3:

switch reference numerals "24" and "34"

In FIG. 4:

add reference numeral --20-- and appropriate lead

line therefor

In FIG. 4A:

insert two lead lines extending from --40-- toward

the depicted conductive elements

In the specification:

COLUMN 2, LINES 5-6,

delete "[as the contacts pads]" change "thereof" to --thereof.--

COLUMN 2, LINE 21, COLUMN 4, LINE 30,

change "production" to --introduction--

COLUMN 4, LINE 50,

before "backside" change "the" to --a--

MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 2 of 5

DATED

August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the claims:

```
CLAIM 43, COLUMN 11, LINE 60,
                                     delete "sad"
CLAIM 45, COLUMN 12, LINE 1,
                                     delete "said"
CLAIM 62, COLUMN 12, LINE 67,
                                     change "& the" to --the--
CLAIM 66, COLUMN 13, LINE 16,
                                     delete "so"
CLAIM 67, COLUMN 13, LINE 21,
                                     delete "sa"
CLAIM 69, COLUMN 13, LINE 30,
                                     delete "so"
CLAIM 87, COLUMN 14, LINE 47,
                                     change "s*the" to --the--
                                     delete "exposed to"
CLAIM 97, COLUMN 15, LINE 27,
CLAIM 97, COLUMN 15, LINE 28,
                                     delete "s %"
CLAIM 99, COLUMN 15, LINE 35,
                                     delete "so"
CLAIM 110, COLUMN 16, LINE 29,
                                     delete "so"
CLAIM 110, COLUMN 16, LINE 30,
                                     change "clement" to --element--
CLAIM 111, COLUMN 16, LINE 35,
                                     delete "so"
```

MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 3 of 5

DATED

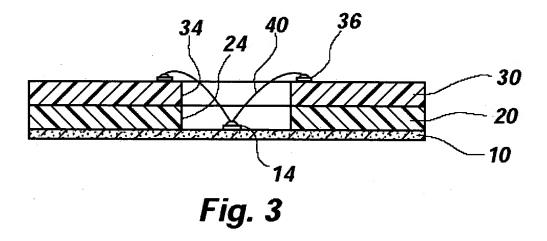
August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please replace FIG. 3 with the following:



MAILING ADDRESS OF SENDER:

PATENT NO. 6,781,248 B2

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 4 of 5

DATED

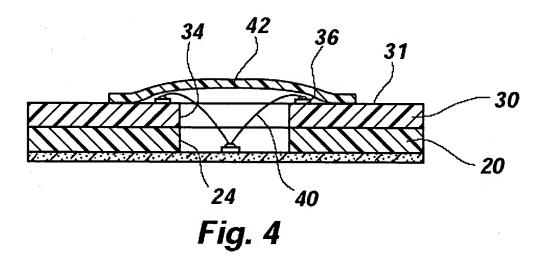
August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please replace FIG. 4 with the following:



MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 5 of 5

DATED

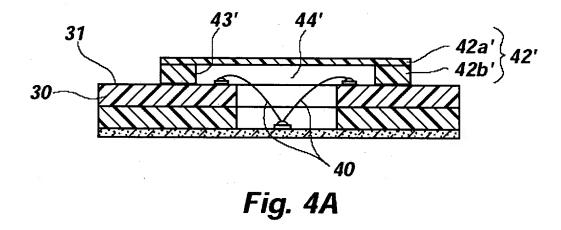
August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please replace FIG. 4A with the following:



MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 1 of 5

DATED

August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the drawings:

In FIG. 3:

switch reference numerals "24" and "34"

In FIG. 4:

add reference numeral --20-- and appropriate lead

line therefor

In FIG. 4A:

insert two lead lines extending from --40-- toward

the depicted conductive elements

In the specification:

COLUMN 2, LINES 5-6, dele COLUMN 2, LINE 21, char

delete "[as the contacts pads]" change "thereof" to --thereof.--

COLUMN 4, LINE 30,

change "production" to --introduction--

COLUMN 4, LINE 50,

before "backside" change "the" to --a--

MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 2 of 5

DATED

August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the claims:

```
CLAIM 43, COLUMN 11, LINE 60,
                                     delete "sad"
CLAIM 45, COLUMN 12, LINE 1,
                                     delete "said"
CLAIM 62, COLUMN 12, LINE 67,
                                     change "& the" to --the--
CLAIM 66, COLUMN 13, LINE 16,
                                     delete "so"
CLAIM 67, COLUMN 13, LINE 21,
                                     delete "sa"
CLAIM 69, COLUMN 13, LINE 30,
                                     delete "so"
CLAIM 87, COLUMN 14, LINE 47,
                                     change "s*the" to --the--
CLAIM 97, COLUMN 15, LINE 27,
                                     delete "exposed to"
CLAIM 97, COLUMN 15, LINE 28,
                                     delete "s %"
CLAIM 99, COLUMN 15, LINE 35.
                                     delete "so"
CLAIM 110, COLUMN 16, LINE 29,
                                     delete "so"
CLAIM 110, COLUMN 16, LINE 30,
                                     change "clement" to --element--
CLAIM 111, COLUMN 16, LINE 35,
                                     delete "so"
```

MAILING ADDRESS OF SENDER:

PATENT NO. 6,781,248 B2

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 3 of 5

DATED

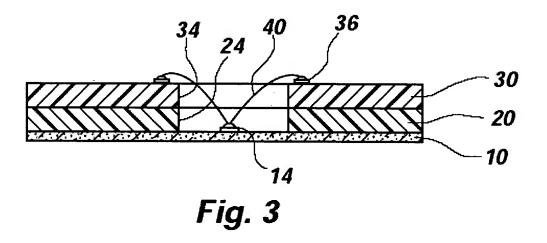
August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please replace FIG. 3 with the following:



MAILING ADDRESS OF SENDER:

PATENT NO. 6,781,248 B2

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 4 of 5

DATED

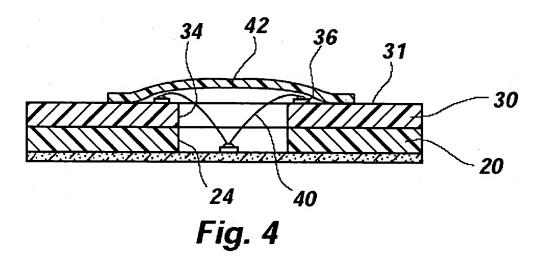
August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please replace FIG. 4 with the following:



MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO

6,781,248 B2

Page 5 of 5

DATED

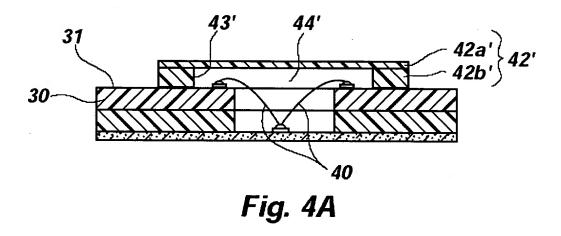
August 24, 2004

INVENTOR(S):

Chong Chin Hui; Lee Kian Chai; and Jason Pittam

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please replace FIG. 4A with the following:



MAILING ADDRESS OF SENDER:

PATENT NO. <u>6,781,248 B2</u>

Brick G. Power 230 South 500 East, Suite 300 Salt Lake City, Utah 84102 USA

No. of additional copies